

USPN: 10/001,563

Attorney Docket No: 3087.00007

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PROPOSED AMENDMENT**CLAIMS:**

1. (Currently amended) A method of augmenting transient protein synthesis in a cell by delivering, directly to the cell, mRNA encoding an initiation factor functionally related to protein synthesis, thereby augmenting endogenous protein synthesis.

2. (Currently amended) The method according to claim 1, wherein said delivering step includes intracellularly delivering the mRNA using a method selected from the group consisting essentially of gene gun delivery, particle acceleration delivery, and topical delivery.

Please cancel claim 3.

4. (Original) The method according to claim 1, wherein said delivering step includes particle acceleration of the mRNA to the cell.

5. (Original) The method according to claim 1, wherein said delivering step includes delivering mRNA related to protein synthesis for use in wound healing.

Please cancel claim 6

7. (Currently amended) A method of augmenting transient protein synthesis in cells in need of increased protein synthesis including the step of ~~The method according to claim 6, wherein said increasing step includes intracellularly~~ directly intracellularly delivering mRNA encoding a translational regulatory protein functionally related to protein production to increase protein synthesis from endogenous protein mRNA in the cells.

8. (Original) The method according to claim 7, wherein said delivering step further includes delivering mRNA encoding the translation initiation factors to increase protein synthesis.

Please cancel claims 9 – 20

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21. (Original) A method of augmenting wound healing, including the steps of: directly intracellularly delivering mRNA functionally related to protein production; and potentiating an increase in ~~by increasing~~ protein synthesis from endogenous cellular mRNA in the wound from the delivered mRNA.

22. (Currently amended) The method according to claim 21, wherein said ~~method~~ potentiating step includes potentiating the increase in ~~increasing~~ protein synthesis of growth factors from endogenous cellular mRNA in the wound from the delivered mRNA.

23. (Currently amended) The method according to claim 21, wherein said ~~method~~ delivering step further includes ~~intracellularly~~ directly intracellularly delivering of mRNA encoding a translational regulatory protein to increase protein synthesis from endogenous mRNA in the wound.

24. (Currently amended) The method according to claim 23, wherein said ~~method~~ delivering step further includes ~~intracellularly~~ directly intracellularly delivering mRNA encoding the translation initiation factor eIF4E to increase protein synthesis from endogenous mRNA in the wound.

Please cancel claims 25 – 42